

# SPRAGUE®

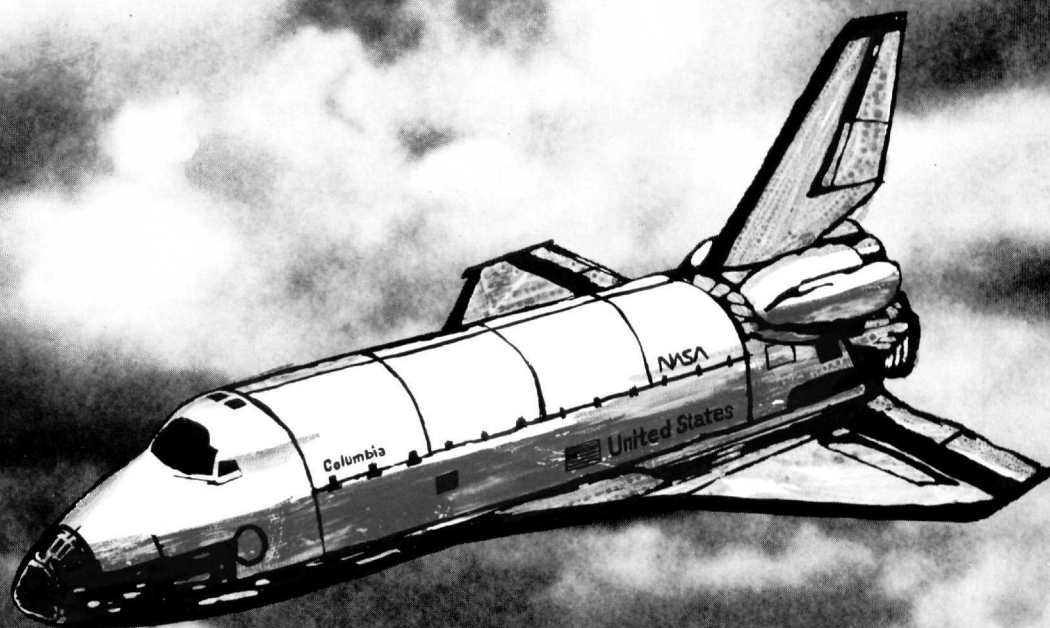
THE MARK OF RELIABILITY

a **GK Technologies** subsidiary

JULY, 1981

# LOG

**OVER 25,000  
SPRAGUE CAPACITORS  
MADE THIS TRIP...**



**... and thousands more rode with the external booster rockets and fuel system.**

This historic project used various capacitor types serving the Columbia's sophisticated systems, ranging from communications to master controls. Monolithic ceramic capacitors from Wichita Falls; aluminum electrolytics from both Lansing and Hillsville; plastic film capacitors from Longwood; solid tantalum capacitors from both Sanford and Concord; foil tantalum, silver-cased wet-slug tantalum and tantalum-cased wet slug tantalum capacitors from North Adams; filters from North Adams and special components from Visalia were all used on the Shuttle.

The usage of these Sprague parts occurred in many areas of the Shuttle including the temperature controller, communications equipment, the caution/warning status display, the reaction control system, the guidance and navigation equipment including main computers, the cabin pressure controllers, the illumination lamp ballasts, radar assemblies, and the hydraulic circulating pump in the braking system.

Sprague Electric employees can be proud of their part in the Shuttle's failure-free performance.

## EMPLOYEE ACTIVITIES

Sprague Electric employees have been busy participating in a variety of interesting activities and programs in the past few months.

**CONCORD'S OMOT '81** was a big success. On My Own Time is a program to encourage artistic talent while fostering a spirit of Company camaraderie. The point of OMOT is discovery, not competition. Started last year, and originally sponsored by the Merchants National Bank of Manchester, thirty-eight companies in the southern part of New Hampshire had their own in-house shows during the period of January through March 1981. Professional artists judge each in-house show and select the "best of show" plus eight or nine other works to show at the statewide exhibit at the Institute of Arts and Sciences in Manchester in May.

Each exhibited work must be the employee's original creation in design and execution. Categories include paintings, drawings, graphics, photography, and 3-dimensional works. An employee may enter three works in the same or different categories.

Taking part in the program last year with a very good response from employees, the Concord Plant entered again this year. Response was excellent. Twenty-two employees entered 48 different works. The judges selected Dale Morency's 4" x 7" relief engraving entitled "Finally" as "Best of Show." They also selected works of the following employees to exhibit in Manchester in May: Rebecca Evans' photo entitled "A Skeleton"; Roger Leighton's photo entitled "Lifting Fog"; Kristal Martel's photo entitled "Good Morning America"; Lawrence Martel's photo entitled "Yesterday"; Dale Morency's wood carving entitled "Tactile Torso"; Mary Lou Russ' "Pineapple-Go-Around" crocheted tablecloth and her old velvet crazy quilting "Christmas Velvet"; Holly Vallauri's BATIK "Moons of Saturn."

On the day of the judging, employees voted for the work they liked best with a \$25.00 prize going to the winner. Mary Lou Russ took the honors with her beautiful 72 inch crocheted tablecloth entitled "Pineapple-Go-Around." Runners-up were Geraldine Schlehuber with her exquisite 36" x 60" lachet hooked rug and Kris Martel with her excellent photo "Good Morning America."

The show was a big success — it took all of you to show the rest of us that there is something special about your own time!

### NORTHERN BERKSHIRE HOME AND TRADE SHOW

North Adams employees again participated in the annual Northern Berkshire Home and Trade Show sponsored by the Chamber of Commerce. It proved to be a bigger and better show than ever this year. The Sprague Electric booth featured a tribute to Sprague employees by displaying attractive photographic panels prepared by our photographer Paul Sprague. All areas of operation were covered from production to office to lab areas and employees visiting the booth seemed pleased to see so many of their friends and associates pictured. An added attraction was the give-a-ways of Frisbees and thermometers made at half-hour intervals. Grand prizes of two 10-speed bicycles were also awarded. The booth was manned by thirty-six Sprague Electric employees who worked two-hour shifts throughout the three-day period. The show attracted approximately 7800 people and our employees are to be congratulated for their efforts in making the show such a tremendous success.

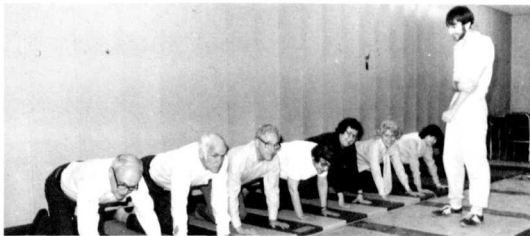


*Sprague Electric Booth at Home and Trade Show.*

**NORTH ADAMS RUNNER WINS AGAIN** — David Shoots, Methods & Planning Engineer at the Brown Street plant, has done it again! And again! Last August he broke the record in winning the YMCA Lake Run in Pittsfield, Ma. On April 5, he won the Lions Club Roaring Run in Adams, Ma., finishing the 6.2-mile course in 32 minutes, 48 seconds despite a steady rain. Dave decided to make a race of the event only 45 minutes before starting time. Before that, he had only planned on running with a friend. Proceeds from the race will be donated to eye research projects by the Lions Club. And on Sunday, May 3 he won the four-mile version of the fourth annual Bennington

Road Race in Bennington, VT, coming within one second of breaking the record with a time of 18 minutes and four seconds. As we go to press, it has been announced that Dave has won the second annual Northern Berkshire five mile road race sponsored by the Western Mass Track Club in North Adams, again in record breaking time of 24 minutes, 41 seconds.

**BACK EXERCISE CLASS** — Seven North Adams employees took advantage of a back exercise class taught by Bruce Wilson, an instructor at the Northern Berkshire YMCA. The class was held in the Building 9 Conference Room on Tuesday and Friday each week at 12:00 noon during the employees' lunch hour, with the employees paying the course fee of \$35 for six weeks, or 12 classes. The seven employees included two engineers, two secretaries, a salesman, a data processing supervisor, and a work factor analyst. Some have been plagued with serious back problems in the past, others just wanted the exercise. The participants practiced the exercises at home on the other days with the assistance of an instruction cassette tape. All said that the exercises have eased their back problems. The program was run on a trial basis and if enough interest is shown, the classes may be renewed.



*Shown with Bruce Wilson, instructor, are (left to right) Al Rondeau, John Campbell, Harvey Goodell, Ruth Yarter, Alice Bratcher, Doris Mimno and Rachel Molinari, participants in the back exercise class.*

**CONCORD MARATHONER** — Back in 1963 Grant Avery, who is an Application Engineer with Concord Discrete Semiconductor Operations, started to run to get in shape for backpacking. However, as time went by Grant began to enjoy running more than backpacking and in 1979 he ran as an unofficial entry in the Boston Marathon and finished in 3 hours and 11 minutes. This doesn't seem remarkable except that Grant was 42 years old when he ran this race.

During the summer of 1979 he decided to run some 10 kilometer races so that he could officially qualify for the 1980 Boston Marathon. While running these tune-up races he usually finished between first and fourth in the Masters category which is for those 40 years of age and up. In September of 1979 he ran his first official Marathon (all marathons are 26.2 miles) at Dixville Notch and came in 9th overall and 2nd in the Masters category with a time of 2 hours 52 minutes and 57 seconds. Grant then ran in the Foxboro, Massachusetts Marathon which had over 1,000 runners and finished 62nd overall and 5th in the Masters category.

Finally in 1980 Grant was an official entry in the Boston Marathon. At the big event he ended up with a time of 2 hours 52 minutes, 57 seconds (same time as the Dixville Notch Marathon) and was 88th of 1315 Masters and 1,065 out of 3,427 men. A month later he ran the Nike Maine Coast Marathon and finished first for Masters and 18th overall in a field of 500 harriers. Again in the fall of 1980 he ran in the Casco Bay Marathon in Portland, Maine and came in 4th for the Masters category and 44th overall in a field of 700. His time was 2 hours 48 minutes 50 seconds. This was a unique marathon for Grant

### SPRAGUE ELECTRIC LOG ISSUE 2, 1981

Norma M. Hays, Editor

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Paul F. Sprague — Photographer

as his wife Diana joined him for her first marathon and even though she never ran over 12 miles prior to the marathon, she ended up being 2nd in the women's Masters and based on this, qualified for the Boston Marathon.

In 1981 Grant improved his time in the Boston Marathon finishing in 2 hours 47 minutes and 22 seconds. He finished 132nd out of a field of 1,776 Masters and 1632nd out of a field of 5,074 men. (This was his personal best.) Diana ran the marathon in 3 hours and 29 minutes and looked remarkably fresh. She finished 60th out of 93 in the Masters event (age group 40 and over) and 424th out of 516 women.

Grant's ambition is to run a marathon in under 2 hours and 45 minutes. He feels he can also run a 10 kilometer race in under 34 minutes and 30 seconds this fall. If he does, he will break the national record for men of 45 years of age, as the present record is 34 minutes and 52 seconds. His best personal time to date is 35 minutes and 8 seconds. He plans to drop five pounds and that should do it.

Good luck Grant, hope you break the National Record.



Grant Avery,  
Concord Marathon.

**NASHUA FAMILY DAY OPEN HOUSE** — On May 16 a Family Day Open House was held at the Nashua facility that proved to be a huge success. Over 600 visitors agreed that the display of Sprague worldwide products, tour of the Nashua Plant, and organization of the entire day was most impressive. Refreshments, gifts, and souvenir booklets were all part of the program. The Family Day was intended to give Sprague employees, their families, relatives and friends a chance to see firsthand how the resistor and resistor-capacitor networks are manufactured in Nashua and convey the importance of each person's contribution on the job for a successful process as well as a quality product.



Visitors enjoy Nashua Family Day Open House.

**PRE-SUMMER SHAPE-UP PROGRAM** — A successful Pre-Summer Shape-Up Program was held from February through May 1981 at the Sprague Electric Nashua facility with the cooperation of two professionally trained instructors from the Nashua YWCA. This twelve week program which was offered to all female employees involved two half-hour weekly sessions of exercising to music. Included in this program were stretching/warm-up exercises, some walking/running, calisthenics, aerobics and a cooling down period. The response to this Nashua industry "first" was outstanding with interest expressed in resuming the program in the Fall. The results of the program? We now have forty healthier women who are definitely in better shape for the summer months!



Nashua employees enjoying their exercise class.

**STRESS MANAGEMENT WORKSHOP** — How to deal with stress was the topic of three weekly, two-hour sessions conducted at the Sprague Electric Nashua facility in May 1981. This Stress Manage-

ment Workshop presentation was developed by Dr. Russell S. Kaye, a well-known local psychologist for all interested Sprague employees. Thirty-five people had the opportunity to discover if they are internalizers, externalizers, or whether they are Type A or B personalities. Included in this presentation was a questionnaire on how to measure personal stress levels. Once stress was defined and stress related physical problems were discussed, Dr. Kaye demonstrated breathing and relaxation techniques that were practiced by all individuals. Special topics were recommended by the participants and they were discussed in the final session. Upon completion of the workshop employees expressed their thanks to Dr. Kaye for giving them some new ideas and vision on how to cope with the ups and downs of everyday life.

**WALK-A-THON** — On Sunday, June 7, over 100 Sprague employees from the Nashua facility participated in a walk-a-thon to benefit homeless children in the Nashua area. The Nashua Children's Association is attempting to raise \$210,000 in order to construct a building to care for homeless girls in the Nashua area (the Association currently has facilities for boys only). The Walk-A-Thon was the first of its kind by any Nashua industrial group to benefit a charitable organization. Employees were asked to obtain pledges from family, friends, and other organizations based on the number of laps an employee could walk in a three-hour period. Each lap was just more than 1/3 mile in length. 710 miles were covered (1787 laps) and the employees raised through pledges \$5500 to further the goal of the Nashua Children's Association to construct a facility for homeless girls.

## SPRAGUE WELCOMES NEW MANAGERS

**CLINTON** — Clinton employees welcomed Charles "Charlie" Parke as Plant Manager May 11, 1981. Charlie comes to Sprague after serving as Plant Manager of two local plants and, most recently, Manufacturing Manager for Boeing in Seattle, Washington.

Charlie received his B.S.M.E. from the University of Missouri and his M.S. in Industrial Management from Purdue. He reports to Jack Daniel, General Manager Aluminum Electrolytic Division, who has acted in a dual capacity since 1978.

His wife, Fay, is a guidance counselor for Clinton Junior High School. They live with their three children in Clinton. Welcome aboard Charlie!

**BARRE** — Grant Taylor joined the Barre team as Industrial Relations Manager on May 1, 1981. He was previously Personnel Manager for International Coins and Currency of Montpelier, Vermont, and before that was a Personnel Administrator for the State of Vermont.

"Chip," as he is better known, did his undergraduate work at Goddard College and received his Masters Degree in Political Science while serving as a Technical Instructor in the Air Force. He's originally from Londonderry, Vermont, and now lives in Cabot, Vermont.

As an active amateur radio operator and electronics experimenter, Chip is already familiar with Sprague products. His other interests include competitive target shooting, photography, and astronomy. He is also active in the fire service and is presently an Assistant Fire Chief in Cabot.

Martin J. Daigneault has been named manager of the Dearborn Electronics Division plant in Longwood, Florida effective March 23, 1981. He succeeds James R. Fisher who recently left the company.

Marty has been with the Company since 1951 when he joined Sprague as an account manager in North Adams. He transferred to the Los Angeles office in 1953 to head up internal sales and became factory manager of the Special Components Division in Visalia, California in 1958. He moved from Visalia to the solid tantalum capacitor operations in 1961 to open the Plymouth facility. In 1968, he was named the first plant manager of the Sanford facility. He assumed responsibility for the combined Concord and Plymouth facilities in 1971 and has been plant manager at Concord since that time.

A native of Bennington, Vermont, Marty served with the U.S. Army Air Force during World War II and was wounded in action. He rose from an enlisted man to captain, the rank he held when he left the service in 1946.



# 1981 SCHOLARSHIP RECIPIENTS

**Ashe County** — Kenneth Miller, son of Eva Miller and James A. Brooks, son of James Brooks, each awarded \$600 per year for four years.

**Barre** — Cathleen Conti, daughter of Beverly Conti, awarded \$250 per year for four years; Michael Fortin, son of Rose Fortin, \$250 per year for two years.

**Clinton** — Gloria Sisson, daughter of Jane Sisson, awarded \$400 per year for four years.

**Concord** — Veronica Whitten, daughter of Judith Whitten and Jacqui Perron, daughter of Ingrid Perron, each awarded \$600 per year for four years.

**Grafton** — Todd Bender, son of Carol and Donald Bender, awarded \$600 per year for four years.

**Hillsville** — Ricky Sawyers, son of Wayne Sawyers; Karen Martin, daughter of Leon and Zula Martin; Regina Nester, daughter of Nancy McGrady, each awarded \$125 per year for two years; Karen Sturgill, daughter of Richard Sturgill, Kenneth Dalton, son of Mary Dalton; Sharon Harrell, daughter of Janet Harrell each awarded \$208 for two years, and \$334 for two years.

**Nashua** — Bridget Goodridge, daughter of Paul Goodridge, awarded \$600 per year for four years.

**North Adams** — Karen Boni, daughter of Rudolph Boni; Teresa Lemere, daughter of Roger Lemere; Kathryn Dellert, daughter of Ann Dellert; Mary Garnish, daughter of Paul Garnish, each awarded \$500 per year for four years; Brenda Famiano, daughter of Carl Famiano;

Julie Ellsworth, daughter of Pauline Ellsworth, each awarded \$300 per year for four years; Michelle Pierce, daughter of William and Barbara Pierce, awarded \$200 per year for four years.

**Orlando** — Betty DeFoe, daughter of Elizabeth DeFoe, awarded \$300 per year for one year; Stuart Sutherland, Jr., son of Stuart Sutherland; Lynne Ashland, daughter of Richard Ashland, each awarded \$350 per year for four years.

**Sanford** — Elaine Theriault, daughter of Maryann Theriault; Suzanne Sullivan, daughter of William Sullivan, each awarded \$375 per year for four years; Lonnie Michaud, son of Shirley Quinby, awarded \$750 per year for four years.

**Visalia** — Karl Shinpoch, son of Harold Shinpoch, awarded \$150 per year for two years.

**Wichita Falls** — Tracy Tisdale, daughter of William Tisdale, awarded \$200 per year for four years; Jamie Bonenberger, daughter of Janis Johnson, awarded \$400 per year for four years.

**Worcester** — Gail Choiniere, daughter of Rose Choiniere, awarded \$300 per year for four years; Patricia Noga, daughter of Fryderick Noga, awarded \$250 per year for four years; Robbyn Pelkey, daughter of Helen Pelkey; Susan J. Robertson, daughter of Gunnar Robertson; Laura Kulesza, daughter of Diana Kulesza, each awarded \$200 per year for four years.

**General Scholarship** — Theodore J. Jasiewicz, son of Theodore Jasiewicz, Micro Tech, awarded \$500 per year for four years. Ashe County



Kenneth Miller



James A. Brooks



Cathleen Conti



Michael Fortin



Gloria Sisson



Veronica Whitten



Jacqui Perron



Todd Bender



Ricky Sawyers



Karen Martin



Regina Nester



Karen Sturgill



Kenneth Dalton



Sharon Harrell



Bridget Goodridge



Karen Boni



Teresa Lemere



Kathryn Dellert



Mary Garnish



Brenda Famiano



Julie Ellsworth



Michelle Pierce



Betty DeFoe



Stuart Sutherland



Lynne Ashland



Elaine Theriault



Suzanne Sullivan



Lonnie Michaud



Karl Shinpoch



Tracy Tisdale



Jamie Bonenberger



Gail Choiniere



Patricia Noga



Robbyn Pelkey



Susan J. Robertson



Laura Kulesza

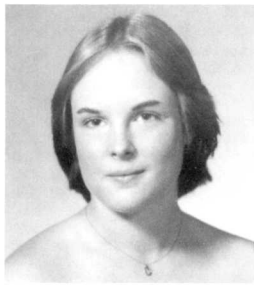


Theodore Jasiewicz

## NATIONAL MERIT SCHOLARSHIP AWARDED

Deborah G. Burks, Wichita Falls, Texas, has received a National Merit Scholarship awarded by GK Technologies, Inc. The scholarship is a four year award for undergraduate study and is one of three scholarships awarded to children of employees of GK Technologies, Inc. and their subsidiaries. Ms. Burks received the first National Merit Scholarship awarded to a child of a Sprague Electric employee.

Deborah graduated from Wichita Falls High School this year and was a National Merit Scholarship finalist. She was a two-year member of the Northern Berkshire YMCA swim team and WFHS varsity swim team and is



also an American Red Cross water safety instructor. Deborah plans to study biology with a marine emphasis. She is the daughter of Darnall Burks, Operations Engineering Manager at the Wichita Falls plant.

## CLINTON STUDENT TOP GRADUATE

A former Sprague Electric scholarship winner was the top graduate from the College of Home Economics at the University of Tennessee on June 10.

Mabel Dabney Crenshaw, daughter of A. Douglas Crenshaw, Purchasing Manager at Clinton, was presented the chancellor's Citation for Extraordinary

Academic Achievement. She was one of 54 UT students thus honored. Top graduate honors are awarded to the student with the highest grade point average in each academic unit. Miss Crenshaw majored in child and family studies and early childhood development.

## PODOLSKY HONORED BY IEEE

Dr Leon Podolsky, a former long term employee, and now a consultant for Sprague Electric Company, is the recipient of the first Charles Proteus Steinmetz Award. The award was established in 1979 by the IEEE and is awarded for major contributions to the development of standards in the field of electrical and electronics engineering. Podolsky was the first Chairman of the EIA International Standards Committee and has served as President of the United States National Committee of the International Electro Technical Commission and as Chairman of the EIA Electronic Parts Panel. He also serves as a member of the Board of Directors of the American National Standards Institute.

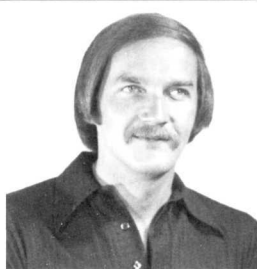
## MAJOR ACHIEVEMENT AWARD WINNERS HONORED IN WORCESTER

Frank Moryl, Manager of Test Engineering and Fred Reiersen, General Manager of Worcester's offshore assembly plant in the Philippines were recently honored for their outstanding contributions in 1980.

Frank heads up Electronic Services in Worcester which consists of a test equipment design and maintenance group, a construction group, and a maintenance and calibrations group. In addition to managing and organizing this staff he also defines and selects testing equipment for Worcester as well as provides technically superior in-house designed test equipment to compliment or replace commercially available test equipment.

Fred is General Manager of Deltron-Sprague Electronics Corp. in Manila. In 1978 as Sprague Worcester's Overseas Manager for integrated circuits, Fred identified a small company called Deltron as a potential second source for integrated circuit assemblies. Because he believed in the value of this operation to the future success of the Sprague Integrated Circuit Operations, he vigorously supported their efforts to increase the capability, capacity, and quality of Deltron. The company in 1980 became Deltron-Sprague which now is a growing operation with a fine technical staff and state-of-the-art equipment producing more than 50% of Sprague's assembly volume at higher yield, better quality levels and lower costs.

Frank Moryl and Fred Reiersen "Made a Difference" in 1980 and the Integrated Circuits Operation is fortunate to have people like them leading the way.



Frank Moryl, Manager of Test Engineering, is shown with his award as a "Major Achiever" in 1980 for the Worcester Integrated Circuit Operation. Fred Reiersen, General Manager of Deltron-Sprague in the Philippines, is also shown.

## NEW PRODUCT FOR REPAIRMEN

Sprague Electric has added PINCH'N SEAL heat shrink tubing to its Q-Line components for electronic and electrical repairmen. The tubing is made of a dual-wall plastic. When heated, the inner wall melts to form a seal and the outer wall shrinks to a skin-tight fit over the wiring connection, termination, etc., to which it has been applied.

## SPRAGUE PRODUCTS DISTRIBUTORS' DIVISION WINS "EXHIBITOR-OF-THE-YEAR" AWARD

The Sprague Products Company Distributors' Division of Sprague Electric won the 1981 Electronic Distribution Show "Exhibitor-of-the-Year" Award at this year's exhibition in Atlanta, May 5, 6, and 7.

With 295 total points from the EDS Merchandising Contest, Sprague's overall promotional and exhibit program was deemed the most outstanding of the more than 275 companies participating in the show. The points awarded Sprague in the EDS Merchandising Contest were based on the fulfillment of specific activities to build attendance at the show and the conformance of the Sprague exhibit to the show theme. Categories for which points were given were field sales force involvement, distributor appointment-making programs, pre-show direct-mail and trade publication advertising, show merchandising specials, show sales meetings, and awards presented at the show.



Receiving the "Exhibitor-of-the-Year" Award plaque in behalf of the Sprague Products Company Distributors' Division at the conclusion of the 1981 Electronic Distribution Show in Atlanta, May 7, is Sidney L. Chertok, corporate director of advertising and sales promotion, left. Stanley D. Pitkin, center, exhibits manager looks on as Lewis H. Shuler, president of the Electronic Industry Show Corp., makes the presentation. Mr. Shuler heads one of the largest distributors in the South, Dixie Electronics, Inc., Columbia, S.C.



Nancy McCaleb, foreperson at the Visalia Plant, is shown with the gifts she received at termination. Nancy worked for the Visalia Plant for 19 years and most recently was the foreperson over magnetic winding and coil finishing. She leaves many friends at the Visalia Plant and we all wish her a happy early retirement.

## CLINTON SUGGESTION SYSTEM GROWING

Since the Suggestion Program began in 1978, Clinton employees have set new records each year. During 1980, Clinton employees submitted 27 suggestions and received \$605.60 for their ideas. In 1981, 32 suggestions had been received and \$1705.24 awarded through the May meeting.

Clinton employees have responded to improved turnaround of suggestions. The average suggestion is resolved within 1.25 months

and checks are typically received within two weeks of the acceptance.

The following suggesters are part of this record breaking year: Tromala Skeen, Barbara Brakebill, Sue Knight, Al Bass, Scott West, Ann Davis, Mack McGuffin, Steve Weddle, Jim Cheely, Nancy Hatmaker, Hallie Roberts, Roger Chapman, Bob Stepp, Ben Brummitte, Linda Bass, Paul Goddard, Willie Brummitte, Peggy Tillman, Carol Brown and Debbie Jones.

## IS THIS INCREDIBLE?

Sometime in March, 1945 the 99th Infantry Division was in a battle to establish a bridgehead across the Rhine River at Remagen, Germany. Ken Crosby (Manpower Control Sr. Analyst for Concord, NH and Barre, VT) and Herb Placek both participated in that battle, but did not know each other at the time. Ken was a bazookaman (anti-tank) with the 99th Infantry Division, and Herb was a tank crewman with a German Panzer Division. They were enemies. Herb was taken prisoner in that battle by Ken's outfit.

In early August 1945 following a 3½ month stay in the hospital, Ken was assigned to a new outfit based at a camp just outside of Brussels, Belgium. His job there was a dispatcher at the base Motor Pool. P.O.W. Herb also worked at that same Motor Pool as a mechanic. One day, after seeing Ken's 99th Division Shoulder Patch, Herb told Ken that he was taken prisoner by that Division during the Remagen Bridge Battle. That was quite a coincidence!

In February, 1946 Herb returned to Germany with the other P.O.W.'s and was released. In late June, 1946 Ken returned to the USA and arrived home, a civilian, on July 3, 1946.

In August 1953, Ken moved his family from East Concord, NH back to his home town, Franklin, NH. They moved into an apartment on Franklin St. directly over an empty Barber Shop that was to open soon under new ownership.

A few days later on opening day for the new shop, Ken stopped in on his way to work to wish the new owner success with his new business and when the owner replied, "Thank you very much" in a heavy German accent, Ken recognized him and said, "Herbie"! Herb immediately replied, "Brussels, Belgium"! The reporter for the local newspaper entered the shop about this time for an opening day picture. After hearing the story, told rather excitedly by the way, replied "That's Incredible," and insisted on a picture of Herb cutting the hair of his first customer — Ken! The original picture of that first haircut still hangs on the wall in Herb's shop today.

This is a big country, but it's a small world! Now if that isn't enough, how about this! On March 16, 1981 Ken received from the Department of the Army the Bronze Star Medal earned while with the 99th in 1945. He learned only last year that his old outfit had an association, and through the association found out he had been eligible for the medal. Oh well, nearly 36 years later is better than never!



Ken Crosby is on the left with his new Bronze Star, and Herb Placek, his good friend and barber on the right. The photo on the wall between them is the one taken of them 28 years ago.

## HILLSVILLE OPERATOR AWARENESS SCRAP PROGRAM

During 1980 the Sprague Electric Company Hillsville Plant began an Operator Awareness "Scrap" program. Employees were informed of our dollar scrap loss for each product line, and as improvements were made, they were periodically awarded free coffee and doughnuts. The program has now been modified whereby quarterly drawings are held. Employees working on product lines showing improvement in scrap reduction become eligible for these drawings. The first 1981 quarterly results have been concluded and seven employees each won a \$50.00 grocery shopping trip. Winners were: Susan Sowers, Laura Cassell, Anita Lineberry, Darrell Fowler, Hazel Melton, Gary Jones, and Glenna Burnette.

Dave Anderson, Q.A.R. Manager, initiated the Operator Awareness Program in April 1980, at which time our dollar scrap was running 12% of dollars shipped. During the first quarter of 1981, this had been reduced to 8.4% of dollars shipped.



Dave Anderson (left), Quality Assurance & Reliability Manager, and James F. Dwyer, Plant Manager, are drawing winners in the Operator Awareness Scrap Program.

## MANAGEMENT CHANGES

- Barre: Grant Taylor, Industrial Relations Manager; John Yanulavich, Electronic Services Engineer
- Brownsville: Jack R. Cass, Sr., Buyer
- Clinton: Wendell Rosenbalm, Programmer Analyst; Charles Parke, Plant Manager; Howard D. Smith, Jr., Product Specialist
- Concord: Terry R. Clapp, Production Foreperson; Francis Bilodeau, Work Factor Analyst
- Lansing: Darrell Baldwin, Wage Payment Auditor/Work Factor Analyst; Robert L. Goss, Equipment Design Engineer; Carl Spencer, Foreperson Machine Shop; Fred D. Carter, Production Foreperson
- Nashua: Bernard J. Cass, Process/Product Engineer
- North Adams: Virginia Kemp, Librarian; Susan Hunt, Sr. Programmer/Analyst; Robert McDonough, Quality Circle Facilitator; Alfred Whitman, Sr. Product Engineer; Susan Spooner, Production Foreperson; Dennis C. Kriesse, Manpower Control Analyst; Charles L. Welsch, Technical Information Specialist; Ellen Farben, Market Research Analyst; William Montgomery, Process Engineer; Steven Goodman, Advertising Production Manager; Martha Harvey, Account Manager; F. J. Gamari, General Manager; John F. Kirby, Account Manager, Government Sales & Services; Kenneth Haskins, Sr. Account Manager
- Orlando: Martin J. Daigneault, Plant Manager
- Sales: George E. Price, Sales Engineer, Austin; Howard G. Morgan, Sales Engineer, Long Island; Kathann Gamari, Sales Engineer, Boston
- Sanford: Gifford Plume, Process Engineer; David L. Iles, Materials Manager; Deborah A. Paradis, Production Foreperson; Geraldine Alexander, Production Planner
- Sprague Products: Wayne A. Jensen, Sales Engineer, Chicago; Paul J. Emery, District Sales Manager, Dallas; Edward J. Nickel, Sales Engineer, Dallas; Robin D. Martin, Jr., Sales Engineer, Waltham
- Visalia: Jerome A. Feely, Process/Product Engineer; Michael D. Laster, Production Foreperson; Claudia M. Walton, Production Foreperson
- Wichita Falls: Harold Moffatt, Manager Equipment Design Engineering; Rene Pimentel, Product Marketing Manager; Kenneth Jackson, Manager Plant Engineering; Donald Holland, Production Foreperson; Darlene Musick, Work Factor Analyst
- Worcester: Stephen Dumery, Product Marketing Manager; David Peck, Director, Overseas Engineering-S/C Operations; Debra A. Jones, Quality Control Engineer; Roy K. Wheeler, Sr. Process Engineer

## WORCESTER EMPLOYEE WINS BIGGEST SUGGESTION AWARD

Mrs. Mildred Carter of department 5763 was awarded \$2,786.00 recently for her suggestion which reduced the loading time required for her job and also improved product yields. Millie is a lidding operator in the Assembly Department and her suggestion to modify the old clip design which holds the lid on the Integrated Circuit package reduced loading and unloading by 50%. Yields were improved by reducing misalignments and scratches on the units. This is the largest award ever for a Worcester employee.

Other suggestion award winners were: Jean Peters of Mask Making who received \$415.00 for her suggestion to save stepping time on the photorepeater; Linda Hebert of Probe received \$185.00 for her suggestion for transferring wafers to electron irradiation; Wilson McLaren \$150.00 for his suggestion which gave Worcester the capability to start the environmental sequence for a new product; other winners were, Kathleen Phelps of I.C. Batch for \$45.00; Debbie Torrey, Transistor Batch for \$37.50; Priscilla O'Connor, Wafer Eval \$37.50.



Millie Carter is shown above receiving her suggestion award from Don McGuinness, V.P. Active Components. Also shown is Dick Morrison, (left) Operations Manager and Elliott Nadeau, Engineering Supervisor.

## HILLSVILLE SUGGESTION AWARD

Wayne Dale Sawyers of Route #1, Fancy Gap, VA, and a 15-year employee of Sprague Electric Company, Hillsville Plant, was recently the recipient of a \$2,091.28 Suggestion Award. This award was the result of his suggestion to install a fixture on KF-1 Stamping-Tubing machine. The Company Employee Suggestion System allows employees to share in any savings which are a result of suggestions submitted.



Wayne Dale Sawyers (left) receives Suggestion Award from James F. Dwyer, Plant Manager.

## YEAR OF THE ROOSTER

Sprague Electric co-workers of Kim Chhan Ban, along with approximately 300 others from various areas of Maine, were invited to share an evening of Cambodian culture in celebration of the Cambodian New Year — the year of the Rooster.

The guests were individually greeted by Cambodian men and women in traditional dress, presented with a handmade paper flower, and escorted into a gayly decorated hall where they shared the evening's festivities.

Kim Chhan Ban, Sprague Electric employee and Vice President of the Cambodian Association, Inc. of Maine, related the history and traditions of the Cambodian New Year. The guests were then entertained by a melody on a TROE, the Cambodian version of the violin

and Cambodian folk dancers performed traditional dances. Later a lavish buffet was served. It was a cultural experience that was appreciated and will be remembered by all.

Kim Chhan Ban has been with Sprague Sanford for five years and is currently a Lead Welding Mechanic in the Pelleting Department. He is married and has four children. A former policeman and officer in the Cambodian Navy, Kim is presently serving as Vice President of the Cambodian Association Inc. of the State of Maine, an association designed to assist in the successful resettlement of Cambodian refugees.



*Kim Chhan Ban, Sanford employee and Vice President of Cambodian Association Inc. of State of Maine, presiding at New Year's celebration.*

## CONCORD EMPLOYEE TAE KWON DO EXPERT

Yong Hak Pak not only is an artist who helped paint wildlife murals on some of the plant's walls, but he also holds a sixth degree black belt in the Korean form of Karate known as Tae Kwon Do. Yong Hak started learning this form of martial art when he was 15 years old in Korea, and kept up his training until he attained the sixth degree black belt. He can break up to 15 bricks with his hand or in a kicking jump, break a 2 x 4, five feet off the ground.

In the meantime, Yong Hak worked for the Telephone Company in Korea but because he was adept at Tae Kwon Do, he was made to enter the Korean Marines. As a member of the Tiger Division, he underwent special forces training and was sent to Vietnam in 1970. He attained the rank of Sum Dung Byong, comparable to U.S. Army Corporal. His duty there centered around scouting and some search



*Concord employee Yong Hak Pak demonstrates a Tae Kwon Do kick he has perfected.*



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and destroy missions. According to Yong Hak, he never had to use Tae Kwon Do in combat — "M-16 yes," he says.

His wife, Sun Tok, who also works at the Concord Plant, came to Concord first and stayed with her sister until Yong Hak was able to join her here in 1979. They have one son, Chol Ho, five years old who already has a good side kick!

Yong Hak is now teaching a Tae Kwon Do course at the Concord YMCA during his off hours for the exercise and because he likes people. Both Yong Hak and his wife are learning English in an Adult Basic Education course and are doing very well.



*Imogen Goldthwaite, Secretary to Harold W. Mahar, Jr., General Manager has been with Sprague Concord for almost 17 years. Imo has been actively involved in Professional Secretaries International (PSI) for six years and has held several different offices. In her efforts to promote the secretarial profession she has received a two year appointment from International to serve as Northeast Representative to the Future Secretaries Association (FSA) Dept.*

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